

NON PATENT LITERATURE DOCUMENTS								
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²					
	1	BLAIN et al., "Connective Tissue – The effect of thymosin β4 on articular cartilage chondrocyte matrix metalloproteinase expression" Biochemical Society Transactions (2002) vol. 30, part 6, pp. 879-882.						
	2	BOCK-MARQUETTE et al., "Thymosin β4 activates integrin-linked kinase and promotes cardiac cell migration, survival and cardiac repair" Nature (Nov. 2004) vol. 432, pp. 466-472.						
	3	CHOI et al., "Anti-apoptotic function of thymosin-β in developing chick spinal motoneurons" Biochemical and Biophysical Research Communications 346 (2006) pp. 872-878.						
	4	CHOI et al., "Neuroprotective function of thymosin-β and its derivative peptides on the programmed cell death of chick and rat neurons" Biochemical and Biophysical Research Communications 362 (2007) pp. 587-593.						
	5	CROCKFORD, "Development of Thymosin β4 for Treatment of Patients with Ischemic Hearth Disease" Ann. N.Y. Acad. Sci. (2007) 1112:385-395.						
	6	EADIE et al., "C-Terminal Variations in β-Thymosin Family Members Specify Functional Differences in Actin-Binding Properties" Journal of Cellular Biochemistry (2002) 77:277-287.						
	7	GODSCHALK., "Pressure Ulcers – A Role for Thymosin β4" Ann. N.Y. Acad. Sci. (2007) 1112:413-417.						
	8	GUARNERA et al. "Thymosin β-4 and Venous Ulcers – Clinical Remarks on a European Prospective, Randomized Study on Safety, Tolerability, and Enhancement on Healing" Ann. N.Y. Acad. Sci. (2007) 1112:407-412.						
	9	HANNAPPEL, "β-Thymosins" Ann. N.Y. Acad. Sci. (2007) 1112:21-37.						
	10	HERRMANN et al., "Thypedin, the multi copy precursor for the hydra peptide pedin, is a β-thymosin repeat-like domain containing protein" Mechanisms of Development 122 (2005) pp. 1183-1193.						
	11	HERTZOG et al., "The β-Thymosin/WH2 Domain: Structural Basis for the Switch from Inhibition to Promotion of Actin Assembly" Cell (May 2004) 117:611-623.						
	12	HINKEL et al., "Cardioprotective potential of Thymosin β4 after Ischemia/Reperfusion in a Preclinical Pig Model" Basic Science Abstract Supplement II (Oct 2007) 116(16), p. II-130.						
	13	HUFF et al., "β-Thymosins, small acidic peptides with multiple functions" Int'l Journal of Biochemistry & Cell Biology 33 (2001) pp. 205-220.						
	14	IROBI et al., "Structural basis of actin sequestration by thymosin- β4: implications for WH2 proteins" The EMBO Journal (2004) 23:3599-3608.						
	15	PAUNOLA et al., "WH2 domain: a small, versatile adapter for actin monomers" FEBS Letters (2002) 513:92-97.						

				Complete if Known		
INFORM	ATION DISC	LOSU	RE	Application Number	09/772,445	
	ENT BY AP			Filing Date	January 29, 2001	
				First Named Inventor	Hynda K. KLEINMAN	
				Group Art Unit	1654	
				Examiner Name	Ronald T. Niebauer	
				Confirmation No.	1045	
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	16	PHILP et al., "The actin binding site on thymosin β4 promotes angiogensis" The FASEB Journal express article 10.1096/fj.03-0121fje (Published online Sept. 18, 2003) 13 pages.					
	17	POPOLI et al., "Neuroprotective Effects of Thymosin β4 in Experimental Models of Excitotoxicity" Ann. N.Y. Acad. Sci. (2007) 1112:219-224.					
	18	RHO et al., "The Identification of Apoptosis-related Residues in Human Thymosin β-10 by Mutational Analysis and Computational Modeling" Journal of Biological Chemistry, 280(40):34003-34007 (Oct. 2005).					
	19	ROSSDEUTSCH et al., "Thymosin β4 and Ac-SKDP: Tools to mend a broken heart" J. Mol. Med. DOI 10.1007/s00109-007-0243-9 (July 2007) 7 pages.					
	20	SCHNEIDER, "Prometheus unbound" Nature (Nov. 2004) 432:451-453.					
	21	SMART et al., "Thymosin β4 induces adult epicardial progenitor mobilization and neovascularization" Nature (Jan. 2007) 445:177-182.					
	22	SRIVASTAVA et al., "Thymosin β4 is Cardioprotective after Myocardial Infarction" Ann. N.Y. Acad. Sci. (2007) 1112:161-170.					
	23	SUN et al., "Neurotrophic Roles of the Beta-Thymosins in the Development and Regeneration of the Nervous System" Ann. N.Y. Acad. Sci. (2007) 1112:210-218.					
	24	VANCOMPERNOLLE et al., "The Interfaces of Actin and Acanthamoeba Actobindin" The Journal of Biological Chemistry (Aug. 1991) 266(23):15427-15431.					
	25	VADUVA et al., "Actin-binding Verprolin is a Polarity Development Protein Required for the Morphogenesis and Function of the Yeast Actin Cytoskeleton" Journal of Cell Biology (Dec. 1997) 139(7):1821-1833.					
	26	VAN TROYS et al., "The actin binding site of thymosin β4 mapped by mutational analysis" The EMBO Journal (1996) 15(2):201-210.					
	27	VERMEULEN et al., "Solution structures of the C-terminal headpiece subdomains of human villin and advillin, evaluation of headpiece F-actin-binding requirements" Protein Science (2004) 13:1276-1287.					
	28	WYCZOLKOWSKA et al., "Thymosin β4 and thymosin β4-derived peptides induce mast cell exocytosis" Peptides 28 (2007) pp. 752-759.					
Examiner Signature	/Ronald Niebauer/ Date 04/04/2008 Considered						

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